



(19)

(11) Publication number: **6**

Generated Document.

PATENT ABSTRACTS OF JAPAN(21) Application number: **61243372**(51) Intl. Cl.: **C08J 5/18 A61M 1/16 B01D**
13/04(22) Application date: **14.10.86**

| | |
|---|--|
| <p>(30) Priority:</p> <p>(43) Date of application publication: 28.04.88</p> <p>(84) Designated contracting states:</p> | <p>(71) Applicant: TORAY IND INC</p> <p>(72) Inventor: SAKAI YOSHITADA SHIMAGAKI MASAOKI TANAKA KAZUSANE</p> <p>(74) Representative:</p> |
|---|--|

**(54) HYDROPHILIC
MEMBRANE AND ITS
PRODUCTION**

(57) Abstract:

PURPOSE: To obtain the title membrane which contains no soluble component and can be used immediately, by introducing a hydrophilic component into a membrane based on a hydrophobic polymer and water-insolubilizing this component by radiation and/or heating.

CONSTITUTION: A hydrophilic component (e.g., collagen) is introduced into a hydrophobic membrane based on a hydrophobic polymer (e.g., PP) and having an equilibrium moisture content (as measured after being stored in an atmosphere at 20°C and an RH of 65% for one week, weight of water/weight of polymer) $\leq 5\%$, preferably, $\leq 2\%$, and this membrane is irradiated with a radiation (e.g., γ -rays) and/or heated to 50W200°C to insolubilize the

BEST AVAILABLE COPY

hydrophilic component.

COPYRIGHT: (C)1988,JPO&Japio